

Fighting against wildfires in power systems: lessons and resilient practices from the Chilean and Brazilian experiences

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Abstract-

Several extreme wildfires have recently affected many countries worldwide, causing enormous economic and human losses and vastly damaging ecosystems. For example, in January 2017, a highly destructive series of wildfires destroyed more than 500,000 hectares in Chile, burned 3,000 houses, and left 11 dead. The intensity and impact of these wildfires had never been experienced before in the country.

Index Terms- Economics , Ecosystems , Fires , Power system reliability , Power transmission , Climate change , Global warming , South America

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